

**ABSTRACT**

A transmission control unit (12) of a transmitting station (10) specifies usable plural transmission paths (20). A data supply unit (11) transfers movie contents file encoded by MPEG 4 to plural divisional distribution encoders (13) corresponding to the specified plural transmission paths (20). The respective divisional distribution encoders (13) divide movie contents file into plural divisional distribution data in which original data file can be restored by carrying out synthesis. Further, the transmitting station (10) transmits divided respective divisional distribution data through transmission paths different from each other. Respective receiving units (31) of a receiving station (30) respectively receive divisional distribution data from the plural transmission paths (20). A linking decoder (32) synthesizes plural divisional distribution data to restore original movie contents file. Thus, high speed transfer of contents file of large capacity can be carried out.